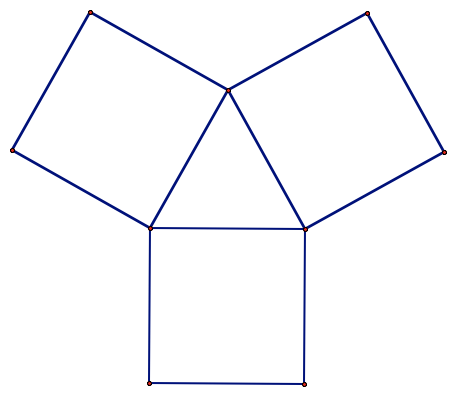
EDC430

**Investigating triangles with squares.**

You will be given an envelope filled with squares of a variety of sizes.

Choose sets of three squares whose sides make a triangle such as in the figure below.

1. How do you know that your choices in a given set of three squares will indeed form a triangle with their sides?



Answer to 1.

2.Classify the triangles that you can make. Explain how you classified the triangles. Then describe the relationship between the areas of the squares for the different triangle classes that you made with the side of the squares.

Answer to 2.